

ABSTRACT OF THE DISCLOSURE

This is a separable ink cartridge which was conceived by reforming the design of single-piece cartridges into an ink cartridge with two separate parts: an internal compartment and an external carapace. The internal compartment is outfitted with an inkwell, spray nozzle, and air vent, while the external carapace has an identification chip and printer connection clasps. When combined, the internal compartment and external carapace form a complete ink cartridge that can be inserted and used in a printer. After the ink cartridge is empty, the internal compartment and external carapace can be separated, the empty internal compartment disposed of, and the external carapace reused with a new internal compartment. This design allows a reduction of materials and cost, and is good for environmental protection.

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